

Title (en)

STORAGE STABLE AQUEOUS ORGANIC PEROXIDE EMULSIONS

Title (de)

LAGERSTABILE WÄSSRIGE ORGANISCHE PEROXYDEMULSION

Title (fr)

ÉMULSION DE PEROXYDE ORGANIQUE AQUEUSE STABLE AU STOCKAGE

Publication

EP 3429991 B1 20200506 (EN)

Application

EP 17709716 A 20170314

Priority

- EP 16161148 A 20160318
- EP 2017055932 W 20170314

Abstract (en)

[origin: WO2017157904A1] Aqueous emulsion comprising: -25-70 wt% organic peroxide, based on the weight of the emulsion, -a cyclohexane dicarboxylate ester, and -water. This emulsion is storage stable and can be used for the production of polymers, in particular PVC, that come into contact with food products.

IPC 8 full level

C07C 407/00 (2006.01); **C07C 409/00** (2006.01); **C08F 4/34** (2006.01)

CPC (source: EP KR RU US)

C07C 407/00 (2013.01 - RU); **C07C 407/006** (2013.01 - EP KR US); **C07C 409/00** (2013.01 - RU); **C07C 409/38** (2013.01 - KR RU); **C08F 2/22** (2013.01 - EP KR RU US); **C08F 2/40** (2013.01 - EP KR RU US); **C08F 4/32** (2013.01 - RU); **C08F 4/34** (2013.01 - EP KR RU US); **C08F 14/06** (2013.01 - RU US); **C07C 409/36** (2013.01 - US); **C07C 409/38** (2013.01 - US)

Citation (opposition)

Opponent : **Arkema France**

- WO 02076936 A1 20021003 - AKZO NOBEL NV [NL], et al
- EP 2810982 A1 20141210 - EXXONMOBIL CHEM PATENTS INC [US]
- CN 101774919 A 20100714 - UNIV JIANGNAN
- ANONYMOUS: "RÈGLEMENT (UE) No 10/2011 DE LA COMMISSION du 14 janvier 2011 concernant les matériaux et objets en matière plastique destinés à entrer en contact avec des denrées alimentaires", JOURNAL OFFICIEL DE L'UNION EUROPÉENNE, 14 January 2011 (2011-01-14), pages 1 - 89, XP0557881
- ANONYMOUS: "RÈGLEMENT (UE) No 10/2011 DE LA COMMISSION du 14 janvier 2011 concernant les matériaux et objets en matière plastique destinés à entrer en contact avec des denrées alimentaires", JOURNAL OFFICIEL DE L'UNION EUROPÉENNE, September 2020 (2020-09-01), pages 1 - 139, XP055788164

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2017157904 A1 20170921; AR 107919 A1 20180628; BR 112018016894 A2 20181226; BR 112018016894 B1 20220614; CN 108779070 A 20181109; EP 3429991 A1 20190123; EP 3429991 B1 20200506; HU E051339 T2 20210301; JP 2019512579 A 20190516; JP 6698172 B2 20200527; KR 102120091 B1 20200609; KR 20180112822 A 20181012; MX 2018010996 A 20181109; RU 2018135745 A 20200420; RU 2018135745 A3 20200420; RU 2732403 C2 20200916; TW 201736468 A 20171016; US 11059779 B2 20210713; US 2019071397 A1 20190307

DOCDB simple family (application)

EP 2017055932 W 20170314; AR P170100677 A 20170317; BR 112018016894 A 20170314; CN 201780016503 A 20170314; EP 17709716 A 20170314; HU E17709716 A 20170314; JP 2018548070 A 20170314; KR 20187025997 A 20170314; MX 2018010996 A 20170314; RU 2018135745 A 20170314; TW 106108859 A 20170317; US 201716083904 A 20170314